WHAT IS CLAIMED IS:

1. A digital still camera comprising:

means for converting an optical image into a digital image signal;

receiving means for transmitting an electromagnetic signal to a designated remote device accessible in accordance with a wireless telephone system;

means for receiving from said remote device an electromagnetic signal containing an identification signal to be transmitted back in response to the designation of said remote device;

modifying means for modifying the electromagnetic signal into a digital electronic image signal;

reducing means for reducing the number of pixels of the still image represented by said digital electronic image signal: and

means for transmitting the electromagnetic signal to the designated remote device.

2. The digital still camera of claim 2, wherein the reducing means is inoperative when the receiving means fails to receive the identification signal transmitted from the remote device, whereby the modifying means forms a digital image signal without reducing the number of pixels of the still image.

3. The digital still camera of claim 1, wherein the reducing means further reduces the time of transmitting one frame of the digital image.

4. A digital still camera comprising:

converting means for converting an optical image into a digital electronic image signal;

receiving means for receiving an electromagnetic;

modifying means for modifying the electromagnetic signal into a digital electronic image signal ;

displaying means for alternatively displaying a still image on the basis of the digital electronic signal from the converting means or from the modifying means; and

controlling means for controlling said displaying means in a first mode in response to a first type of said electromagnetic signal and in a second mode in response to a second type of saidelectromagnetic signal.

5. The digital still camera of claim 4, wherein the first type of electromagnetic signal represents a still image having fewer pixels than a still image represented by the second type of electromagnetic signal.

6. The digital still camera of claim 5, wherein the time required to transmit one frame of the still image represented by the first type of electromagnetic signal is shorter than the time required to transmit one frame of the still image represented by the second type of electromagnetic signal.

7. The digital still camera of claim 5, wherein the controlling means includes means for reducing the number of pixels of the still image signal in the second mode.

8. The digital still camera of claim 7, wherein the displaying means comprises fewer pixels than the still image represented by the second type of electromagnetic signal,

9. The digital still camera of claim 8, wherein the displaying means comprises the same number of pixels as the still image represented by the first type of electromagnetic signal,

10. The digital still camera of claim 4, further comprising distinguishing means for distinguishing the first type of electromagnetic signal from the second type of electromagnetic signal, and means responsive to the distinguishing means for switching the controlling means between the first mode and the second mode.

11. A digital still camera comprising:

converting means for converting an optical image into a digital electronic image signal;

modifying means for modifying the electromagnetic signal into a digital electronic image signal in accordance with a wireless telephone system;

reducing means for reducing the number of pixels of the still image; and

transmitting means for transmitting the electromagnetic signal representing the still image signal of fewer pixels.

12. The digital still camera of claim 11, further comprising storing means for storing the digital electronic signal input from the converting means, the number of pixels of the still image in the storing means being greater than that of the still image signal represented by the electromagnetic signal.

13. The digital still camera of claim 12, further comprising extracting means for extracting portions of the digital electronic signal in the storing means such that the remaining digital image signal has the same number of pixels as that of the still image signal represented by the electromagnetic signal.

14. The digital still camera of claim 13, wherein the extracting means includes means for removing the storing means from the digital still camera.

15. The digital still camera of claim 14, wherein the extracting means further includes means for connecting a card leading to an external device.

16. The digital still camera of claim 11, further comprising displaying means for displaying a still image on the basis of the digital electronic signal from the converting means, the number of pixels of the displaying means being substantially equal to that of the still image signal represented by the electromagnetic signal.

17. The digital still camera of claim 16, further comprising means for storing the digital electronic signal from the converting means, the number of pixels of the still image in the storing means being greater than that of the still image signal represented by the electromagnetic signal.

18. The digital still camera of claim 16, further comprising means for receiving an electromagnetic signal and second means for modifying the received electromagnetic signal into a digital electronic signal indicative of a still image, wherein the displaying means is capable of alternatively

displaying a still image on the basis of the digital electronic signal from the converting means or from the modifying means.

19. The digital still camera of claim 18, wherein the number of pixels of the still image from the modifying means is substantially equal to that of the still image displayed by the displaying means.